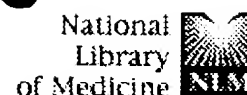


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L24	L23 NOT Ashkenazi.IN.	65	L24
L23	L22 AND test compound	86	L23
L22	L21 AND predict	245	L22
L21	L20 AND polypeptide	1019	L21
L20	L14 AND stabilize	1065	L20
L19	L18 AND stablize	1	L19
L18	L17 AND prediction	390	L18
L17	L15 AND conformation	1531	L17
L16	L15 AND Chou-Fasman	183	L16
L15	L14 AND polypeptide	1968	L15
L14	alpha helix AND beta sheet	2158	L14
L13	discordant helix	2	L13
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L11	L9 AND alpha-helix	4	L11
L10	L9 AND discordant helix	1	L10
L9	((525/54.1 )!.CCLS. )	704	L9
L8	L7 AND beta-sheet	36	L8
L7	L5 AND alpha-helix	64	L7
L6	L5 AND discordant helix	0	L6
L5	((435/7.2 )!.CCLS. )	1700	L5
L4	L3 AND discordant helix	0	L4
L3	((435/7.1 )!.CCLS. )	5836	L3
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L1	(Johansson-Jan.IN/.)	0	L1

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Nucleotide

Protein

Genome

Structure

PACC

Taxonomy

OMIM

Book

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Show: 20

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Tutorial

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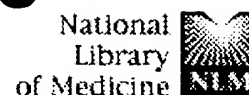
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
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
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
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
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s discordant helix  
39 FILES SEARCHED...  
L1 37 DISCORDANT HELIX

=> DUP REM L1  
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,  
DRUGLAUNCH, DRUGMONOG2, DRUGUPDATES, FEDRIP, FOREGE, GENBANK, KOSMET,  
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, SYNTHLINE'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING COMPLETED FOR L1  
L2 29 DUP REM L1 (8 DUPLICATES REMOVED)

=> D L2 1-29

L2 ANSWER 1 OF 29 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1  
AN 2002:391995 CAPLUS  
DN 136:395932  
TI \*\*\*Discordant\*\*\* \*\*\*helix\*\*\* stabilization for prevention of  
amyloid formation  
IN white, Martin Paul; Johansson, Jan

PA Alphabeta Ab, Swed.  
SO PCT Int. Appl., 55 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002041002	A2	20020523	WO 2001-GB5117	20011120
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2002143105	A1	20021003	US 2001-988842	20011119
	AU 2002023843	A5	20020527	AU 2002-23843	20011120
PRAI	US 2000-253695P	P	20001120		
	US 2000-251662P	P	20001206		
	WO 2001-GB5117	W	20011120		

L2 ANSWER 2 OF 29 IFIPAT COPYRIGHT 2003 IFI DUPLICATE 2  
AN 10199399 IFIPAT;IFIUDB;IFICDB  
TI \*\*\*DISCORDANT\*\*\* \*\*\*HELIX\*\*\* STABILIZATION FOR PREVENTION OF

AMYLOID FORMATION  
Johansson Jan (SE)  
PA Unassigned Or Assigned To Individual (68000)  
PI US 2002143105 A1 20021003  
AI US 2001-988842 20011119  
PRAI US 2000-251662P 20001206 (Provisional)  
US 2000-253695P 20001120 (Provisional)  
FI US 2002143105 20021003  
DT Utility; Patent Application - First Publication  
FS CHEMICAL  
APPLICATION

CLMN 9  
GI 12 Figure(s).

FIG. 1 is a bar graph that depicts the occurrence of alpha-helical segments with high beta-strand propensities. The number of protein segments are plotted versus the lengths of the segments for which experimentally determined alpha-helices coincide with beta-strands predicted with a PHD reliability index greater-than-or-equals 5 for all residues. The PDB codes are given for the proteins from which the helices with greater-than-or-equals 7 residues emanate. Codes in bold identify proteins that form amyloid fibrils in vivo, and italics denote proteins shown to form fibrils. The outcome of predictions for prion proteins from human (hPrP) and mouse (mPrP) are indicated. The PDB codes represent, in alphabetical order: 1aa0=fibrin deletion mutant (Bacteriophage T4), 1aura=carboxylesterase (*Pseudomonas fluorescens*), 1b10(sPrP)=prion protein (Syrian hamster), 1b2va=heme-binding protein A (*Serratia marcescens*), 1b5ea=dCMP hydroxymethylase (Bacteriophage T4), 1b8oa=purine nucleoside phosphorylase (*Bos taurus*), 1ba6=beta amyloid protein (*Homo sapiens*), 1bct=bacteriorhodopsin (*Halobacterium halobium*), 1b11=parathyroid hormone receptor (*Homo sapiens*), cpo=chloroperoxidase (*Leptoxiphium fumago*), 1cv8=staphopain (*Staphylococcus aureus*), 1ecra=replication terminator protein (*Escherichia coli*), 1ggtb=coagulation factor XIII (*Homo sapiens*), 1h2as=hydrogenase (*Desulfovibrio vulgaris*), 1iab=astacin (*Astacus astacus*), 1jkmb=brefeldin A esterase (*Bacillus subtilis*), 1kpta=killer toxin (*Ustilago maydis*), 1lml=leishmanolysin (*Leishmania major*), 1mhdb=smad MHL domain (*Homo sapiens*), 1mnma=transcription factor MVM1 (*Saccharomyces cerevisiae*), 1mtyd=methane monooxygenase (*Methylococcus capsulatus*), 1nom=DNA polymerase beta (*Rattus norvegicus*), 1noza=DNA polymerase (Bacteriophage T4), 1pbv-sec7 domain of exchange factor ARNO (*Homo sapiens*), 1quta=lytic transglycosylase Slt35 (*Escherichia coli*) 1smd=salivary amylase (*Homo sapiens*), 1spf (SP-C)=surfactant-associated protein C (*Sus scrofa*), 1sra=osteonectin (*Homo sapiens*), 1taha=lipase (*Burkholdia glumae*), 1tca=lipase B (*Candida antarctica*), 1vns=chloroperoxidase (*Curvularia inaequalis*), 1wer=Ras-GTPaseactivating domain of p120GAP (*Homo sapiens*), 2erl=pheromone Er1 (*Eurplotes raikovi*), 2ifo=inovirus (*Xanthomonas oryzae*), 2occk=cytochrome C oxidase (*Bos taurus*), 2sqca=squalene-hopene cyclase (*Alicyclobacillus acidocaldarius*), 3aig=adamalysin II (*Crotalus adamanteus*), 3pte=transpeptidase (*Xstreptomyces R61*).

FIG. 2 is a set of diagrams that depict the characteristics of long \*\*\*discordant\*\*\* segments. Amino acid sequences, together with determined and predicted secondary structure elements for sequences having greater-than-or-equal to 9-residue discordant segments are shown. Also shown are those discordant segments of A beta, mouse PrP, and human PrP. The proteins are grouped by the length of their discordant stretch. The experimentally determined helical segments are drawn as blue cylinders in the bottom row of each case in which the amino acid sequences and residue positions in the PDB entries of the corresponding proteins are given. The locations of the beta-strands predicted by PHD are visualized by yellow strands in the middle row of each case, wherein the reliability index for each residue is shown. The Chou-Fasman-based predictions averaged for 6-residue segments are plotted above residue 3 in each segment and given in the top row of each case. E and e denote extended structures (i.e., beta-strands) predicted with high and low probability, respectively, as in Chou and Fasman (1978, Adv. Enzymol. 47:45-148), and H and h represent predicted helical structures in an analogous manner.

FIG. 3 is a diagram that depicts the amino acid sequence (bottom row) and predicted secondary structure by PHD and according to Chou-Fasman analysis for a polyleucine analogue of SP-C (lung surfactant protein C). The PHD predictions including reliability indices are given in the middle row and the Chou-Fasman data in the top row, but in this case an alpha-helix is predicted by both methods, symbolized by a blue cylinder for the PHD prediction.

FIG. 4 is a graph that depicts data from an experiment in which the relative amounts of SP-C(squares) and SP-C(Leu) (triangles) remaining in solution after centrifugation at 20,000 x g for 20 minutes at different time points after solubilization were measured.

FIG. 5 is a set of diagrams that depict the experimentally determined and predicted secondary structures of positions 1-28 of A beta and a variant of A beta (1-28) in which three residues have been changed to alanine (K16A, L17A, F20A). Symbols are as described for FIGS. 2 and 4.

FIGS. 6A-6C are graphs depicting the effects various tripeptides on fibril formation by A beta (14-23) (FIG. 6A), A beta (12-24) (FIG. 6B), and A beta (1-40) (FIG. 6C). Unless otherwise indicated, the tripeptides have free N- and C-termini. The results are representative for two to three independent experiments.

FIG. 7 is a graph depicting the effects of various tripeptides and tetrapeptides on fibril formation by A beta (14-23).

FIG. 8 is a graph depicting the effects of the peptides KAD, AAA, and KFFE (SEQ ID NO:1) on A beta (1-40) aggregation. Samples were analyzed in duplicate.

FIGS. 9A-9E depict the fibrillar structures of A beta (1-40) formed in the absence of tripeptide (9A), in the presence of KAD (9B), acetyl-KAD-amide (9C), AAA (9D), or acetyl-AAA-amide (9E).

FIG. 10 depicts the KAD peptide in an energy-minimized conformation (top structure), the KAD peptide in an extended conformation (middle structure), and the KFFE (SEQ ID NO:1) peptide in an extended conformation (bottom structure). The amino and carboxyl groups of the charged side-chains are on the same side of the polypeptide backbone in KAD and the distances between them are then shown. In KFFE, the charged side-chains are on opposite sides of the polypeptide backbone.

FIG. 11 depicts the charge separation of A beta (15-23) in alpha-helical and beta-strand conformations. The upper panel shows the A beta (15-23) region in helical conformation, symbolized by the cylinder. The charged side-chains Lys16, Glu22 and Asp23 are shown. In the lower panel, the A beta (15-23) region is modeled in beta-strand/extended conformation, indicated by the wavy strand. The charged side-chains are shown. For the helical conformation, the distances between the epsilon-amino group of Lys16 and the gamma-carboxyl group of Glu22 and the betacarboxyl group of Asp23 are shown, and for the extended conformation the Lys16-Glu22 distance is indicated.

FIG. 12 is a model of A beta fibril formation and the associated effects of helix-stabilizing agents. The upper row depicts the transformations that helical A beta peptides are thought to undergo to form beta-sheet fibrils. Monomeric A beta in aqueous solution is structurally disordered (i.e. it interconverts between different structures including alphahelical and beta-strand conformations) and A beta in extended conformation will be able to polymerize via the formation of intermolecular contacts in beta-sheets. Compounds that can interact preferentially with helical A beta (here represented by the doubly charged ligand) will shift the equilibrium from the extended conformation and thereby reduce formation of fibrils. The cylinder represents the helix centered around residues 16-23 of A beta and the + and - signs represent Lys16 and Glu22/Asp23, respectively.

L2 ANSWER 3 OF 29 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
3  
AN 2001:301273 BIOSIS  
DN PREV200100301273  
TI Prediction of amyloid fibril-forming proteins.  
AU Kallberg, Yvonne; Gustafsson, Magnus; Persson, Bengt; Thyberg, Johan;  
Johansson, Jan (1)  
CS (1) Department of Medical Biochemistry and Biophysics, Karolinska  
Institutet, S-171 77, Stockholm: jan.johansson@mbb.ki.se Sweden  
SO Journal of Biological Chemistry, (April 20, 2001) Vol. 276, No. 16, pp.  
12945-12950. print.  
ISSN: 0021-9258.  
DT Article  
LA English  
SL English

L2 ANSWER 4 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99448 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -  
IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.  
PI WO 2002041002 A2 20020523 55p  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206  
DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Variant peptide of human amyloid beta-peptide (residues 15-25).

L2 ANSWER 5 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99447 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -  
IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.  
PI WO 2002041002 A2 20020523 55p  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206  
DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Polyleucine analogue of pig lung surfactant-associated protein C (SP-C).

L2 ANSWER 6 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99446 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -  
IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.  
PI WO 2002041002 A2 20020523 55p  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206  
DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Human coagulation factor XIII (1ggtb) helical segment.

L2 ANSWER 7 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99445 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in

presence and absence of compound -  
IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.  
PI WO 2002041002 A2 20020523 55p  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206  
DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Escherichia coli lytic transglycosylase 5lt35 (1quta) helical segment.

L2 ANSWER 8 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99444 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -

IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.  
PI WO 2002041002 A2 20020523 55p  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206  
DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Serratia marcescens haem-binding protein A (1b2va) helical segment.

L2 ANSWER 9 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99443 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -

IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.  
PI WO 2002041002 A2 20020523 55p  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206  
DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Bos taurus purine nucleoside phosphorylase (1b8oa) helical segment #2.

L2 ANSWER 10 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99442 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -

IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.  
PI WO 2002041002 A2 20020523 55p  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206  
DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Bos taurus purine nucleoside phosphorylase (1b8oa) helical segment #1.

L2 ANSWER 11 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99441 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -  
IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.

PI WO 2002041002 A2 20020523  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206

DT Patent

LA English

OS 2002-519389 [55]

DESC Human ras-GTPase activating domain of p120GAP (lwer) helical segment.

L2 ANSWER 12 OF 29 DGENE (C) 2003 THOMSON DERWENT

AN AAU99440 peptide DGENE

TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -

IN White M P; Johansson J

PA (ALPH-N) ALPHABETA AB.

(WHIT-I) WHITE M P.

PI WO 2002041002 A2 20020523

55p

AI WO 2001-GB5117 20011120

PRAI US 2000-253695P 20001120

US 2000-251662P 20001206

DT Patent

LA English

OS 2002-519389 [55]

DESC A. acidocaldarius squalene-hopene cyclase (2sqca) helical segment.

L2 ANSWER 13 OF 29 DGENE (C) 2003 THOMSON DERWENT

AN AAU99439 peptide DGENE

TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -

IN White M P; Johansson J

PA (ALPH-N) ALPHABETA AB.

(WHIT-I) WHITE M P.

PI WO 2002041002 A2 20020523

55p

AI WO 2001-GB5117 20011120

PRAI US 2000-253695P 20001120

US 2000-251662P 20001206

DT Patent

LA English

OS 2002-519389 [55]

DESC Bos taurus cytochrome C oxidase (2occk) helical segment.

L2 ANSWER 14 OF 29 DGENE (C) 2003 THOMSON DERWENT

AN AAU99438 peptide DGENE

TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -

IN White M P; Johansson J

PA (ALPH-N) ALPHABETA AB.

(WHIT-I) WHITE M P.

PI WO 2002041002 A2 20020523

55p

AI WO 2001-GB5117 20011120

PRAI US 2000-253695P 20001120

US 2000-251662P 20001206

DT Patent

LA English

OS 2002-519389 [55]

DESC Candida antarctica lipase B (ltca) helical segment.

L2 ANSWER 15 OF 29 DGENE (C) 2003 THOMSON DERWENT

AN AAU99437 peptide DGENE

TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -

IN White M P; Johansson J

PA (ALPH-N) ALPHABETA AB.

(WHIT-I) WHITE M P.

PI WO 2002041002 A2 20020523

55p

AI WO 2001-GB5117 20011120

PRAI US 2000-253695P 20001120

US 2000-251662P 20001206

DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Curvularia inaequalis chloroperoxidase (1vns) helical segment.

L2 ANSWER 16 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99436 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -  
IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.  
PI WO 2002041002 A2 20020523 55p  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206

DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Pseudomonas fluorescens carboxylesterase (1aura) helical segment.

L2 ANSWER 17 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99435 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -  
IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.  
PI WO 2002041002 A2 20020523 55p  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206

DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Methylococcus capsulatus methane monooxygenase (1mtyd) helical segment.

L2 ANSWER 18 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99434 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -  
IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.  
PI WO 2002041002 A2 20020523 55p  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206

DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Human sec7 domain of exchange factor ARNO (1pbv) helical segment.

L2 ANSWER 19 OF 29 DGENE (C) 2003 THOMSON DERWENT  
AN AAU99433 peptide DGENE  
TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -  
IN White M P; Johansson J  
PA (ALPH-N) ALPHABETA AB.  
(WHIT-I) WHITE M P.  
PI WO 2002041002 A2 20020523 55p  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206

DT Patent  
LA English  
OS 2002-519389 [55]  
DESC Syrian hamster prion protein (1b10) helical segment.

L2 ANSWER 20 OF 29 DGENE (C) 2003 THOMSON DERWENT  
 AN AAU99432 peptide DGENE  
 TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
 \*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
 containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
 presence and absence of compound -  
 IN White M P; Johansson J  
 PA (ALPH-N) ALPHABETA AB.  
 (WHIT-I) WHITE M P.  
 PI WO 2002041002 A2 20020523 55p  
 AI WO 2001-GB5117 20011120  
 PRAI US 2000-253695P 20001120  
 US 2000-251662P 20001206  
 DT Patent  
 LA English  
 OS 2002-519389 [55]  
 DESC Mouse prion protein (1ag2) helical segment.

L2 ANSWER 21 OF 29 DGENE (C) 2003 THOMSON DERWENT  
 AN AAU99431 peptide DGENE  
 TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
 \*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
 containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
 presence and absence of compound -  
 IN White M P; Johansson J  
 PA (ALPH-N) ALPHABETA AB.  
 (WHIT-I) WHITE M P.  
 PI WO 2002041002 A2 20020523 55p  
 AI WO 2001-GB5117 20011120  
 PRAI US 2000-253695P 20001120  
 US 2000-251662P 20001206  
 DT Patent  
 LA English  
 OS 2002-519389 [55]  
 DESC Human amyloid beta-peptide (1ba6) helical segment.

L2 ANSWER 22 OF 29 DGENE (C) 2003 THOMSON DERWENT  
 AN AAU99430 peptide DGENE  
 TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
 \*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
 containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
 presence and absence of compound -  
 IN White M P; Johansson J  
 PA (ALPH-N) ALPHABETA AB.  
 (WHIT-I) WHITE M P.  
 PI WO 2002041002 A2 20020523 55p  
 AI WO 2001-GB5117 20011120  
 PRAI US 2000-253695P 20001120  
 US 2000-251662P 20001206  
 DT Patent  
 LA English  
 OS 2002-519389 [55]  
 DESC Human prion protein (3pte) helical segment.

L2 ANSWER 23 OF 29 DGENE (C) 2003 THOMSON DERWENT  
 AN AAU99429 peptide DGENE  
 TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
 \*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
 containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
 presence and absence of compound -  
 IN White M P; Johansson J  
 PA (ALPH-N) ALPHABETA AB.  
 (WHIT-I) WHITE M P.  
 PI WO 2002041002 A2 20020523 55p  
 AI WO 2001-GB5117 20011120  
 PRAI US 2000-253695P 20001120  
 US 2000-251662P 20001206  
 DT Patent  
 LA English  
 OS 2002-519389 [55]  
 DESC Streptomyces sp. R61 transpeptidase (3pte) helical segment.

L2 ANSWER 24 OF 29 DGENE (C) 2003 THOMSON DERWENT  
 AN AAU99428 peptide DGENE  
 TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*



containing \*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
 \*\*\*discordant\*\*\*  
 presence and absence of compound -  
 IN White M P; Johansson J  
 PA (ALPH-N) ALPHABETA AB.  
 (WHIT-I) WHITE M P.  
 PI WO 2002041002 A2 20020523 55p  
 AI WO 2001-GB5117 20011120  
 PRAI US 2000-253695P 20001120  
 US 2000-251662P 20001206  
 DT Patent  
 LA English  
 OS 2002-519389 [55]  
 DESC Xanthomonas oryzae inovirus (2ifo) helical segment.

L2 ANSWER 25 OF 29 DGENE (C) 2003 THOMSON DERWENT  
 AN AAU99427 peptide DGENE  
 TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
 \*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
 containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
 presence and absence of compound -  
 IN White M P; Johansson J  
 PA (ALPH-N) ALPHABETA AB.  
 (WHIT-I) WHITE M P.  
 PI WO 2002041002 A2 20020523 55p  
 AI WO 2001-GB5117 20011120  
 PRAI US 2000-253695P 20001120  
 US 2000-251662P 20001206  
 DT Patent  
 LA English  
 OS 2002-519389 [55]  
 DESC Pig surfactant-associated protein C (1spf) helical segment.

L2 ANSWER 26 OF 29 DGENE (C) 2003 THOMSON DERWENT  
 AN AAU99426 peptide DGENE  
 TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
 \*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
 containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
 presence and absence of compound -  
 IN White M P; Johansson J  
 PA (ALPH-N) ALPHABETA AB.  
 (WHIT-I) WHITE M P.  
 PI WO 2002041002 A2 20020523 55p  
 AI WO 2001-GB5117 20011120  
 PRAI US 2000-253695P 20001120  
 US 2000-251662P 20001206  
 DT Patent  
 LA English  
 OS 2002-519389 [55]  
 DESC Halobacterium halobium bacteriorhodopsin (1bct) helical segment.

L2 ANSWER 27 OF 29 DGENE (C) 2003 THOMSON DERWENT  
 AN AAU99425 peptide DGENE  
 TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
 \*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
 containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
 presence and absence of compound -  
 IN White M P; Johansson J  
 PA (ALPH-N) ALPHABETA AB.  
 (WHIT-I) WHITE M P.  
 PI WO 2002041002 A2 20020523 55p  
 AI WO 2001-GB5117 20011120  
 PRAI US 2000-253695P 20001120  
 US 2000-251662P 20001206  
 DT Patent  
 LA English  
 OS 2002-519389 [55]  
 DESC Human amyloid beta-peptide (Abeta) fragment (residues 1-40).

L2 ANSWER 28 OF 29 DGENE (C) 2003 THOMSON DERWENT  
 AN AAU99424 peptide DGENE  
 TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
 \*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
 containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
 presence and absence of compound -  
 IN White M P; Johansson J

PA (ALPH-N) ALPHABETA AB  
(WHIT-I) WHITE M P.

55p

PI WO 2002041002 A2 20020523  
AI WO 2001-GB5117 20011120  
PRAI US 2000-253695P 20001120  
US 2000-251662P 20001206

DT Patent

LA English

OS 2002-519389 [55]

DESC Peptide #2 used in fibrillation/aggregation studies of amyloid beta.

L2 ANSWER 29 OF 29 DGENE (C) 2003 THOMSON DERWENT

AN AAU99423 peptide DGENE

TI Identifying compounds that stabilize I-helix of \*\*\*discordant\*\*\*  
\*\*\*helix\*\*\* in polypeptide, by measuring amount of I-helix in sample  
containing \*\*\*discordant\*\*\* \*\*\*helix\*\*\* -containing polypeptide in  
presence and absence of compound -

IN White M P; Johansson J

PA (ALPH-N) ALPHABETA AB.

(WHIT-I) WHITE M P.

PI WO 2002041002 A2 20020523

55p

AI WO 2001-GB5117 20011120

PRAI US 2000-253695P 20001120

US 2000-251662P 20001206

DT Patent

LA English

OS 2002-519389 [55]

DESC Peptide #1 used in fibrillation/aggregation studies of amyloid beta.

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